

Please type a plus sign (+) inside this box -

0002/PTO
Rev. 6/75

U.S. Department of Commerce
Patent and Trademark Office

**NEW UTILITY PATENT
APPLICATION TRANSMITTAL**

(to be used for new applications only)

Attorney Docket Number

First Named Inventor

Total Pages in this Submission

JACK V. Smith

80

APPLICATION ELEMENTS

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. Fee Transmittal Form (prescribed filing fee(s))

2. Specification

Title of the Invention

Cross References to Related Applications
(*if applicable*)

Statement Regarding Federally-sponsored Research/Development (*if applicable*)

Reference to Microfiche Appendix
(*if applicable*)

Background of the Invention

Brief Summary of the Invention

Brief Description of the Drawings
(*if drawings filed*)

Detailed Description

Claim or Claims

Abstract of the Disclosure

3. Drawing(s) (*when necessary as prescribed by 35 USC 113*)

4. Executed Declaration

5. Genetic Sequence Submission
(*if applicable, all must be included*)

Paper Copy

Computer Readable Copy

Statement verifying identical Paper and Computer Readable Copy

ACCOMPANYING APPLICATION

6. Assignment Papers

7. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

8. Computer Program in Microfiche

9. English Translation Document *(if applicable)*

10. Information Disclosure Statement/PTO-1449 Copies of IDS Citations

11. Petition Checklist and Accompanying Petition

12. Preliminary Amendment

13. Proprietary Information

14. Return Receipt Postcard

15. Small Entity Statement

16. Additional Enclosures *(please identify below):*

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

**Firm
or
Individual name**

JACK V. Smith

Signature

~~10000~~

Date / / 3/26/99

FOR OFFICIAL USE ONLY

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(c))--SMALL BUSINESS CONCERN

Docket Number (Optional)

Applicant or Patentee: JACK V. Smith

Application or Patent No.: _____

Filed or Issued:

Title: Method for Manufacturing and Detecting and Normalizing HIV for Rapid Analysis.

I hereby declare that I am

 the owner of the small business concern identified below: an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN _____

New Venture Associates, LLC

ADDRESS OF SMALL BUSINESS CONCERN _____

P.O. Box 5895Asheville, NC 28813

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

the specification filed herewith with title as listed above.
 the application identified above.
 the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization having any rights in the invention is listed below:
 no such person, concern, or organization exists.
 each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

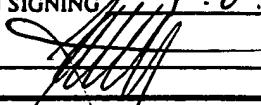
I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING _____

JACK V. Smith

TITLE OF PERSON IF OTHER THAN OWNER _____

ADDRESS OF PERSON SIGNING P.O. Box 5895, Asheville, NC 28813SIGNATURE 

DATE

3/26/99

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Rev. 10/95U.S. Department of Commerce
Patent and Trademark Office

FEE TRANSMITTAL

TOTAL AMOUNT OF PAYMENT

(\$)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	JACK V. Smith
Group Art Unit	
Examiner Name	
Attorney Docket Number	

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

Deposit Account Name

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Making of the Notice of Allowance. 37 CFR 1.311(b)

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (fees effective 10/01/95)

1. FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 750	201 375	Utility filing fee	350
106 310	206 155	Design filing fee	
107 510	207 255	Plant filing fee	
108 750	208 375	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$ 380)

2. CLAIMS

Total Claims	Extra	Fee from below	Fee Paid
10	-20 =	0 X 0 =	0
1	- 3 =	0 X 0 =	0
Multiple Dependent Claims		X 0 =	0

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 22	203 11	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 250	204 125	Multiple dependent claim
109 78	209 39	Reissue independent claims over original patent
110 22	210 11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,390	147 2,390	For filing a request for reexamination	
112 870*	112 870*	Requesting publication of SIR prior to Examiner action	
113 1,740*	113 1,740*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 380	216 190	Extension for response within second month	
117 900	217 450	Extension for response within third month	
118 1,400	218 700	Extension for response within fourth month	
119 290	219 145	Notice of Appeal	
120 290	220 145	Filing a brief in support of an appeal	
121 250	221 125	Request for oral hearing	
138 1,430	138 1,430	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive unavoidably abandoned application	
141 1,250	241 625	Petition to revive unintentionally abandoned application	
142 1,250	242 625	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 630	244 315	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 220	126 220	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
148 750	248 375	Filing a submission after final rejection (37 CFR 1.129(a))	
149 750	249 375	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
SUBTOTAL (3) (\$ 0)			

* Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or
Printed Name

JACK V. Smith

Complete (if applicable)

Reg. Number

Signature

Date

3/26/99

Deposit Account
User ID

CERTIFICATE OF DEPOSIT

I hereby certify that this correspondence is being deposited with the United Parcel Service for delivery to:

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

on: 3/26/99 Date

(Name of person making deposit)

(Name of person making deposit)

Signature

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